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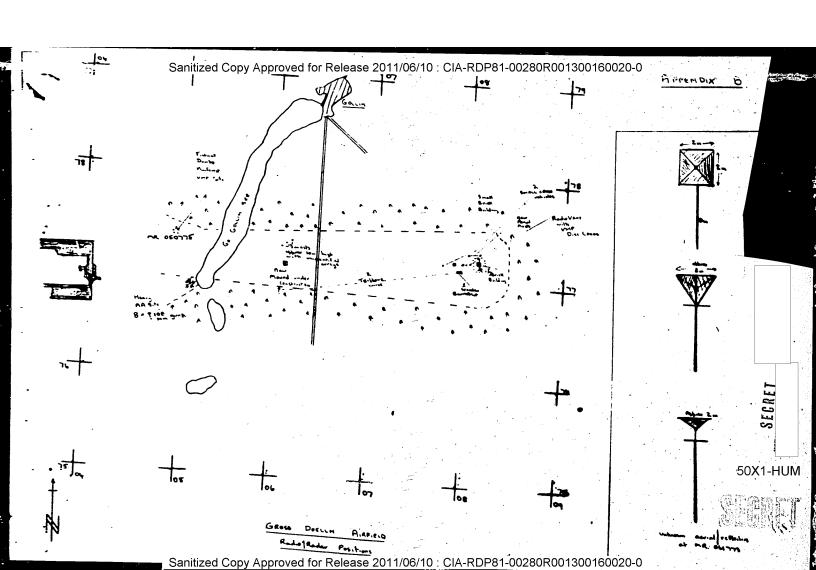
## INFORMATION REPORT INFORMATION REPORT

## CENTRAL INTELLIGENCE AGENCY

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COUNTRY	East Germany		REPORT		
SUBJECT	Radar and Radio Installations at		DATE DISTR	18 Oc	tober 1956
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Sran-	EAST GERMANY 50X1-HUM	
	AIR/MILITARY	
	GROSS DOELLN Airfield - Radio Installations in Fastern Runway Approach Funnel as at 23 Aug 56	
APPENDICES		

Attached at Appendix "B" is an overlay taken from 1:25000 map showing the relative positions of all known radio and radar installations on the EASTERN side of GROSS DOELLN airfield.

## 1. VHF / DF AND RADIO BEACON SITE IN JAGEN 114

- a) This previously reported DF site remains in situ but has been slightly developed since early August 1956.
- b) On the day of observation the SMALLCROSS vehicle was in its usual position, approx. 200 metres WEST of the barbed wire surrounded brick building contained between the 2 permanent masts comprising the HF/MF beacon (see sketch at Appendix "B"). The 2 x 3-axled radio vans which normally adjoin a disk cone surmounted mast, previously located one on each side of the SMALLCROSS vehicle, were drawn up in the vicinity of the latter equipment, but their telescopic masts remain retracted 50X1-HUM
- c) A second SMALLCROSS equipment has now been set up approx. 450 metres WEST of the existing SMALLCROSS vehicle. In addition, 2 further tubular masts each approx. 25 metres in height have been erected on the NCRTHERN side of this site, adjoining the previously mentioned brick building contained between the 2 permanent masts (see sketch at Appendix "B"

  These masts are spaced approx. 50 metres apart and lie in an EAST/WEST direction. At the top of the masts there is a spreader bar between which at least one wire aerial can be observed. Owing to the distance, it cannot be ascertained just how this aerial was fed into the nearby buildings or vehicles.
- d) This site is manned and patrolled by SAF personnel, supplemented by guard-dogs.
- e) It was impossible to ascertain whether there is a bunker on this site, but from a distance it could well be adjoining a small square permanent-looking building located approx. 400 metres WEST of the HF/MF site

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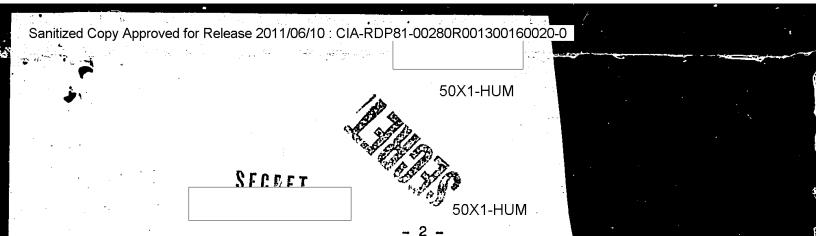
## 2. NEW RADAR SITE UNDER CONSTRUCTION AT MR 061 771

a) An extensive artificial mound is being constructed on an open and slightly raised site approx. 350 metros WEST of route 109, just slightly to the SOUTH of the direct line of approach to the main EAST/WEST runway (see sketch at Appendix "B"). This mound measures approx. 25 metros x 25 metros at its base, and had a height of approx. 15 metros. It has been levelled off to give a flat platform approx. 15 to 20 metros equare.

The mound appears in every way to be identical with that adjoining the NORTHERN side of FINOW airfield, and on which a TOKEN radar has been mounted for several years.

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No vehicles or equipment have as yet been observed in the vicinity.



b) Approx. 250 metres NORTH of the above mentioned mound, 3 newly erected masts were observed. Each mast was approx. 8 to 10 metres in height, and was spaced approx. 50 metres apart. Owing to the distance back from the road, and the fact that a small party of SAF personnel were working in the immediate vicinity, it was impossible to obtain accurate details. Each mast was surmounted by a distinct meshed shaped array, rough sketches of which are attached at Appendix "B". The arrays each appeared to have a base (side) length approx. 2 metres (estimated by comparison with a nearby airman), but no idea of depth or type of construction could be obtained.

No inter-connecting cables nor associated equipments or vehicles were visible.



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